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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/577,188	05/24/2000	Rahul Sharma	A-69408/SFC/DCA	7397

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EXAMINER

ENG, DAVID Y

ART UNIT	PAPER NUMBER
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2155

DATE MAILED: 02/13/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/577,188

Applicant(s)

SHARMA, RAHUL

Examiner

DAVID Y. ENG

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ____ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 16 January 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 12-22 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 12-22 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>1/20/2004</u> . | 6) <input type="checkbox"/> Other: ____. |

Claims 1-11 have been cancelled. The active claims are 12-22.

Figures 3, 4 and the description thereof filed on 1/16/2004 have not been entered because they are considered as new matter. The amendment has no support. There is no description of Figure 3 and 4 in the body of the original specification.

The Jennifer Rodoni reference cited in an IDS submitted on 1/20/2004 (paper Number 12) has not been considered because the date of the article is later than the filing date of the instant application.

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 12-22 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention.

The specification fails to disclose details of deployment descriptor such that when it is loaded into a resource adapter, the resource adapter is able to be deployed into a target operational environment (claim 1) including an application server, a Java 2 Platform and Enterprise Edition (J2EE) application (claim 17), based on properties defined in the deployment descriptor as claimed. The specification further fails to disclose how the resource adapter is configured such that it is able to create a connection to an instance of the EIS (claim 13). The specification further fails to disclose

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configuring application server mechanism for transaction management (claim 14) and configuring security in the target operational environment (claim 15). The specification further fails to disclose interfaces, implementation classes, utility classes, native libraries and descriptive met information for packaging into a resource adapter (claim 16).

The specification fails to disclose a connector provider to show how it creates a resource adapter. The specification fails to disclose a deployer for deploying the resource adapter into a target operational environment (claim 18)

Claims 12-22 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Scope of claim 12 is not clear. It is not clear what "deploying the resource adapter into a target operational environment" means.

With respect to claims 16 line 1, for clarity "the method operation of packaging" should be "the step of packaging".

In line 4 of claim 18, there is no antecedent basis for "the connector".

Claim 22 fails to recite function of the interfaces, implementation classes, utility classes, native libraries and descriptive meta information.

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

Claims 12 and 18 are rejected under 35 U.S.C. 102(a) as being anticipated by Franco (USP 6,687,745).

See at least the abstract, summary of the invention, Figures 1, 3, 6 and 8 and the description thereof, lines 6-20 of column 29 and lines 16-30 of column 14 in Franco. Franco teaches: a method to provide a resource adapter (dynamically loadable libraries, see line 7 of column 29) that collaborates (being accessed) with an application server (see application server 40, line 10, column 29) to provide services offered by an enterprise information system, comprising:

Packaging a deployment descriptor (downloading droplet-enabled applications, line 56-10, column 29) into the resource adapter (memory); and

Deploying the resource adapter into a target operational environment based on properties defined in the deployment descriptor (see "run under the control of application drivers on a remote server such as the application server 40" in lines 8-10 of column 29).

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claims 13-17 and 19-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Franco (USP 6,687,745).

What types of programs (properties defined in the deployment descriptor) being loaded is a matter of design-choice. See lines 16-30 of column 14 in Franco. It would have been obvious to a person of ordinary skill in the art to load those programs required by client so as to provide proper services to the client.



DAVID Y. ENG
PRIMARY EXAMINER